

Amendments to the Specification:

Two copies of a substitute specification is attached hereto. One copy contains editing marks, the other copy is a clean copy without editing marks. This specification is to replace the existing specification in this case. No new matter has been added by these amendments.

Furthermore, two copies of a Computer Program Listing Appendix on CD ROM have been provided which incorporate the materials of original figures 3-22, 39-46, 49, 58-80, 88-96, 103, 104, 127-132, 136-196, and 198-252.

Attachments: Substitute Specification, clean copy

Substitute Specification, marked-up copy

Computer Program Listing Appendix on CD ROM (2 copies)